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(54) BATTERY HOLDER HOUSING STRUCTURE  
FOR PORTABLE ELECTRONIC EQUIPMENT

## (57) Abstract:

**PROBLEM TO BE SOLVED:** To easily install and draw out a battery holder by forming a wedge-like space, which is gradually narrowed toward the depth, between a tip surface of a locking projecting part of the battery holder and a locking hole wall surface of a battery holder.

**SOLUTION:** When a battery holder 16 is pushed to an installation space 3 from an installation part 4 of an electronic equipment main body 2 so that an engagement piece 11b is deformed downward, resisting the elasticity, a locking projecting part 12 provided in an upper end of the engagement piece 11b is fitted in a locking angular hole 5 by the upward elastic restoring force, and the lock is maintained (A). When a tip 21 of a ball-point pen 20 or the like is pushed between an operating inclined surface 14 for releasing the locking projecting part 12 and a rear side inner edge sur-

face 5a of a locking angular hole 5, the engagement piece 11b is deformed inside against the elasticity, and the locking projecting part 12 is moved downward, and the lock is gradually released (C). In the final stage of the pushing operation, the locking projecting part 12 comes off from the locking angular hole 5, and the locking condition is released, while a front part of the battery holder 16 is automatically projected from the installation part 4 by the thrust at the time of releasing.

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